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Notice of Allowability	Application No.	Applicant(s)	
	10/612,883	DOLLMANN ET AL.	
	Examiner	Art Unit	
	Suezu Ellis	2878	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed August 16, 2005.
2. ☒ The allowed claim(s) is/are 1-46.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____. | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Georg Seka on September 23, 2005.

The application has been amended as follows:

In claim 36, line 18, before "deflecting", remove "and".

In claim 36, line 19, after "screen", replace the period with a comma and insert --and reflecting at least a part of the part beam transmitted through the front screen back through the front screen and the optical element by means of a reflector element onto a reception unit in which the intensity of the reflected part beam is measured.--.

Claim 38 is cancelled.

In claim 39, line 1, remove "in accordance with claim 36, characterized in that".

In claim 39, lines 1 and 2, between "method" and "a reference beam", insert --for monitoring a front screen of a laser scanning apparatus comprising splitting off a part beam from a light beam transmitted by a transmission unit with an optical element, deflecting the part beam through the front screen to determine the transmission of the front screen, and splitting off--.

In claim 39, line 2, between "a reference beam" and "from", remove "is split off".

In claim 39, line 3, replace "is deflected" with --deflecting the reference beam--.

The following is an examiner's statement of reasons for allowance:

With respect to claim 1, prior art fails to teach or reasonably suggest a laser scanning apparatus for scanning a monitored zone outside of the apparatus with a pulsed light beam comprising at least one optical element which splits off a part beam from the transmitted light beam and deflects the part beam to a photo-detector for a measurement of the transmission of the front screen, in addition to the other limitations of the claim.

With respect to claim 36, prior art fails to teach or reasonably suggest a method for monitoring a front screen of a laser scanning apparatus comprising steps of splitting off part of a transmitted beam (a part beam) and deflecting and transmitting at least a part of the part beam through the front screen and reflecting it back through the front screen and the optical element via reflector.

With respect to claim 39, prior art fails to teach or reasonably suggest a method for monitoring a front screen of a laser scanning apparatus comprising steps of splitting off a reference beam from the transmitted light beam by a light deflection unit and deflecting the reference beam to a reference target which reflects the beam at least partly in the direction of a reception unit via a light deflection unit.

Claims not specifically addressed are allowable due to their dependency.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Telephone/Fax Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Suez Ellis whose telephone number is 571-272-2868. The examiner can normally be reached on 8:30am-5pm (Monday-Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Porta can be reached on 571-272-2444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**DAVID PORTA
SUPERVISORY PATENT EXAMINER
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